

317

PERKINS  
GIBBS  
SWITCHES

P

W. H. Gilman  
17 Apr 1892

621.317

NOVELTY ELECTRIC CO.

PHILADELPHIA, PA.



ILLUSTRATED PRICE LIST  
OF  
The Perkins Electric Switch Manufacturing Company

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*PERKINS*  
**SWITCHES**  
*GIBBS*

*PERKINS*

*SWITCHES*

*GIBBS*

72 27023-11-16-10

A SLIDING or rubbing contact has always been an ideal one for a snap switch. The present construction of the PERKINS GIBBS SWITCH contains this feature, consisting in a loose contact plate, allowing automatic adjustment between points, so that when "made," a sliding or rubbing contact is assured with every point by pressure of strong spring copper brushes upon one end of plate, forcing the other against the adjoining contact plates.



Nos. 20 and 21.



Nos. 20 and 21

## Single Pole Switches.

Catalogue No. 20.	5 Amperes, Single Pole,	\$0.50
" " 21.	10 " " "	.60

These Switches are designed to operate safely on any circuit up to 120 volts.

Furnished with hard rubber handles and nickel plated covers.

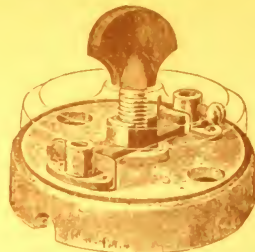
In ordering goods please specify catalogue number.

## Single Pole Switches.

Catalogue No. 11. 5 Amperes, Single Pole,

\$0.55

Furnished with hard rubber handles  
and nickel plated cover. Will break  
current safely at 220 volts.



No. 11 5 Ampere.

Catalogue No. 16.

( 3 Amperes, Single Pole, at 500 volts,  
( 10 " " " " 220 "

\$0.70

Furnished with hard rubber or metal  
handles.



No. 16. 10 Ampere.

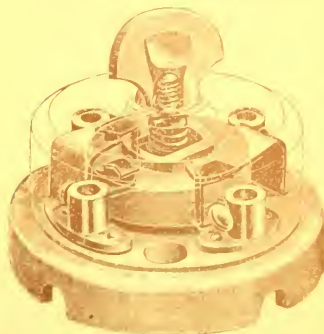
In ordering goods please specify catalogue number.

## Double Pole Switches.

### THE "GIBBS" SWITCH.

(Patented March 27, 1904.)

**Double Pole, Double Break.**



No. 12. 10 Amp. Double Pole Switch. Full Size.

Catalogue No.	12.	10 Ampere,	Double Pole,	\$1.25
"	13.	15 "	" "	1.75
"	14.	30 "	" "	2.25
"	18.	50 "	" "	5.00
"	17.	10 " for Conduit Boxes,	" "	1.25

The special feature of this switch consists in the loose contact plates allowing automatic adjustment between the points, so that when "made," contact is assured with every point by the pressure of strong spring copper brushes upon one end of the plate, forcing the other against the adjoining contact plates.

Furnished with metal handles and nickel plated covers, porcelain bases for either concealed or moulding work. Hard rubber handles if desired.

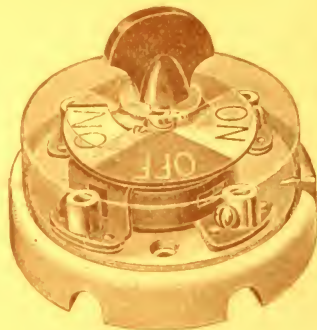
**In ordering goods please specify catalogue number.**



## Indicating Switches.

"ON" "OFF"

Catalogue No.	11D.	5	Ampere,	Single	Pole,	Dial.
"	"	16D.	10	"	"	"
"	"	12D.	10	"	Double	"
"	"	13D.	15	"	"	"
"	"	14D.	30	"	"	"
"	"	18D.	50	"	"	"
"	"	15D.	15	"	Triple	"



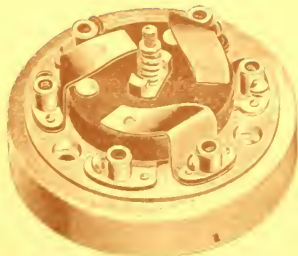
PRICE on Nos. 11D, 16D, 12D and 13D, 10 cents net additional.

" " 14D and 15D, . . . 15 " " "

" " 18D, . . . 20 " " "

In ordering goods please specify catalogue number.

## Triple Pole Switch.



No. 15. For Edison 3 Wire System.

Catalogue No. 15. 15 Amperes, Triple Pole,

\$3.00

This switch breaks simultaneously the three wires (each at two points), when used with the Edison 3 wire system.

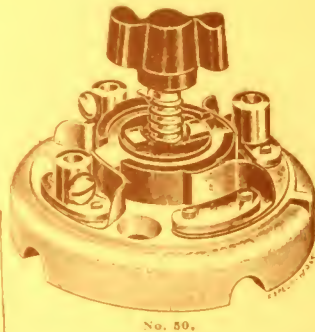
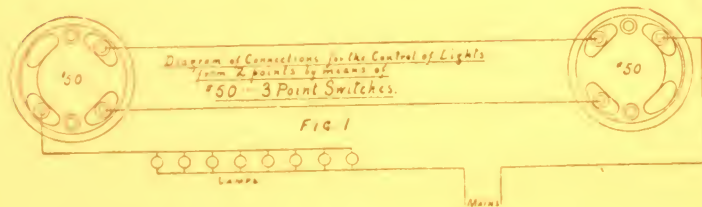
Furnished with metal handles and nickel plated covers.

In ordering goods please specify catalogue number.

## Three Point Switch.

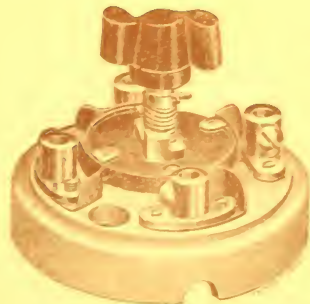
Catalogue No. 50. 10 Ampere, 3 point, . . . . . \$1.25

These switches are used for the control of lights from either one of two points, one three-point switch being located at each point. See diagram for wiring.



In ordering goods please specify catalogue number.

## Four Point Switches.



No. 51.

Catalogue No. 51. 10 Amperes, Four point.

\$1.25

This switch is used for the control of lights from more than two points. Three-point switches are used at two of the points, and a four-point switch at each additional point. See diagram for wiring.



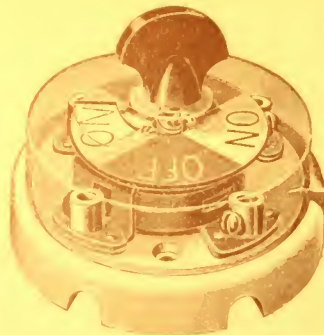
In ordering goods please specify catalogue number.

## 500-Volt Switches.

Catalogue No. 16.	3 Amperes, single pole,	500 volts,	\$0.70
" " 19.	10 " " "	" " "	3.00
" " 49.	3 " 3 way Headlight,	" " "	1.50

No. 16 represents a switch which has long been sought—namely, a small, durable and reliable switch to break a 500-Volt current.

The same mechanism is used in this as in the Double Pole Gibbs Switches, but by a different arrangement of the screw making device a break of  $1\frac{1}{4}$  inches is obtained, *or more than one-third on each side*. This switch is especially adapted for railway circuits.



No. 19.

Where it is desired to control a stronger current, such as for a railway car heater, or where a large number of lights are used on a railway circuit, our No. 19 will be appreciated.

When used in connection with heating apparatus, this switch is furnished with a dial to indicate whether contact is made or not.

**In ordering goods please specify catalogue number.**

## Three-Point 500 Volt Switch.



No. 49.

Catalogue No. 49. Three point; 3 Amperes, 500 volts.

\$1.50

This switch will break the circuit without having to use an additional switch, and is especially adapted for use on street cars as a Head Light Switch, and also operate the interior lights as shown in diagrams on the following page.

In ordering goods please specify catalogue number.

## Diagrams for Wiring Three-Point 500 Volt Switches.

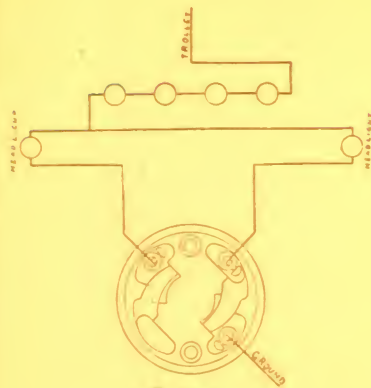


FIG. 1

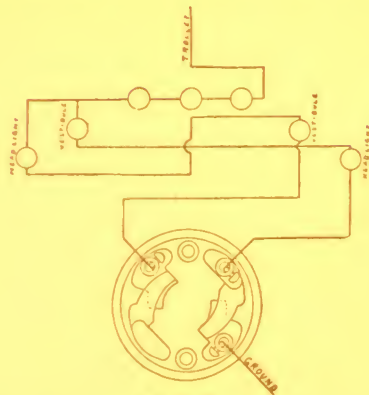


FIG. 2

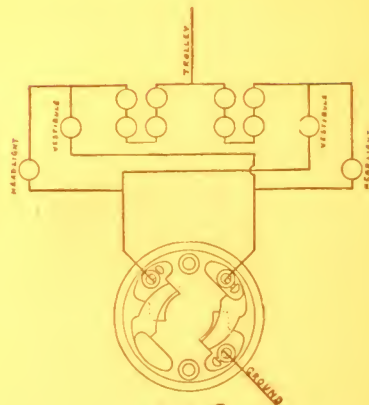


FIG. 3

In ordering goods please specify catalogue number.



## Heat Regulating Switch, 500 Volts.

This switch is used for the regulation of heat by different combinations of the heaters.

On the commutator are four raised bosses or dials, on which are printed "OFF," "1," "2," "3," respectively. These dials appear successively before a hole in the cover, and thus indicate the position of contacts in commutator.

From the "off" position, as indicated by dial, the first quarter turn connects in circuit the heaters No. 1, and figure 1 appears on dial.

The second turn throws out of circuit heaters No. 1 and connects in circuit heaters No. 2, and figure 2 appears on dial.

Heaters No. 2 being of greater capacity than No. 1, a larger amount of heat is generated.

The third turn connects heaters No. 1 and No. 2 in parallel, which gives the maximum amount of heat, and figure 3 appears on dial.

Another valuable feature of this switch consists in the four simultaneous breaks of the circuit each time the switch is turned from one position to the next, thus reducing sparking to a minimum.



Catalogue No. 24. 15 Amperes, 500 volts.

\$6.00

In ordering goods please specify catalogue number.



## Flush Switches.



Exact Size and Appearance of Switch.

Catalogue No. **11F.**

5 Amp., single pole, \$1.55

Catalogue No. **16F.**

10 Amp., single pole, 1.75

Catalogue No. **12F.**

10 Amp., double pole, 2.25

Catalogue No. **13F.**

15 Amp., double pole, 3.00

Catalogue No. **14F.**

30 Amp., double pole, 4.00

Catalogue No. **15F.**

15 Amp., triple pole, 4.75

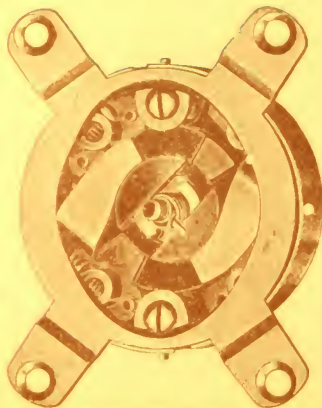
Catalogue No. **50F.**

10 Amp., 3 point, 2.25

Catalogue No. **51F.**

10 Amp., 4 point, 2.25

In ordering goods please  
specify catalogue  
number.



No. 12F. Switch with Plate Removed.

## Flush Switches—Porcelain Cup.



Exact size and appearance  
of switch

Any of our ten ampere switches can be put into this porcelain cup so as to absolutely insulate all parts of the switch.

When used in this way, it is unnecessary to also use an iron wall box.

We are also prepared to furnish Porcelain cup switches with lock and key attachment as illustrated on the following page.

Catalogue No. 16C.

10 Amp., Single Pole, \$1.75

Catalogue No. 12C.

10 Amp., Double Pole, \$2.25

Catalogue No. 50C.

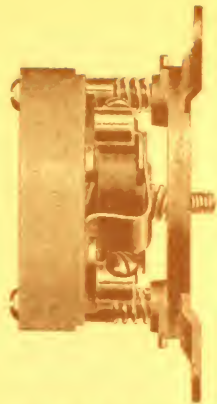
10 Amp., 3 Point, \$2.25

Catalogue No. 51C.

10 Amp., 4 Point, \$2.25



In ordering goods please specify catalogue number. No. 12C.



Side View with Plate and  
Ring Removed.

## Lock Switches.

- Catalogue No. 16L.  
10 Ampere, single pole, \$2.00
- Catalogue No. 12L.  
10 Ampere, double pole, \$2.50
- Catalogue No. 13L.  
15 Ampere, double pole, \$3.25
- Catalogue No. 14L.  
30 Ampere, double pole, \$4.25
- Catalogue No. 15L.  
15 Ampere, triple pole, \$5.00
- Catalogue No. 50L.  
10 Ampere, 3 point, \$2.50
- Catalogue No. 51L.  
10 Ampere, 4 point, \$2.50



In ordering goods please specify catalogue number.

## Gang Plates.

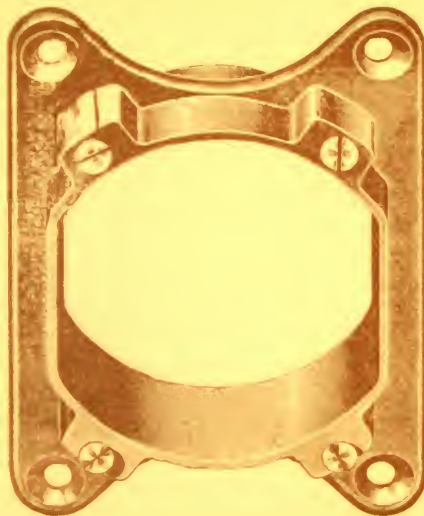


Plates can be finished for any quantity of switches and any style. We carry in stock plates from two to eight holes, finished in nickel or polished brass.

**PRICE** \$1.00 per hole per plate.

**Notice.** To obtain price of the plate and switches complete, add the list price of plate and list price of switches together, for instance, a gang of two No. 12's and one No. 16 would be \$3.00 for plate and \$3.20 for switches, complete, \$6.20.

**In ordering goods please specify catalogue number.**



## Iron Wall Box For Flush Switches.

We manufacture and carry in stock Iron Wall Boxes for all styles of Perkins Flush Switches, mounted singly or in gangs.

When this style of Wall Box is used in the installation of gang Switches it is possible to attach each individual Switch to the box separately. This advantage will recommend itself at once to electrical contractors.

We are also prepared to furnish special Wall Boxes of any description, prices for which will be given upon application.

Price, . . . . .30 each.

In ordering goods please specify catalogue number.

## Porcelain Switches.



We illustrate herewith our all-porcelain switch. The cover is securely fastened to the base insuring complete insulation.

The working parts are the same as used in our regular Single Pole, Double Pole and 3 Point Switches.

Unless otherwise ordered, the switch is furnished in plain white porcelain, but it can be finished with any desired decoration, prices for which will be given on application.

Catalogue No. <b>30.</b>	10 Ampere, Double Pole.	\$1.75
" " <b>31.</b>	10 " 3 Point,	1.75
" " <b>32.</b>	10 " Single Pole,	1.25

**In ordering goods please specify catalogue number.**

# FUSE SWITCHES.

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These Switches combine a Fuse  
Block or Rosette and a Switch, all  
under one piece of porcelain.

The Fuse is fastened to the cover and so can easily be renewed by simply removing the cover.

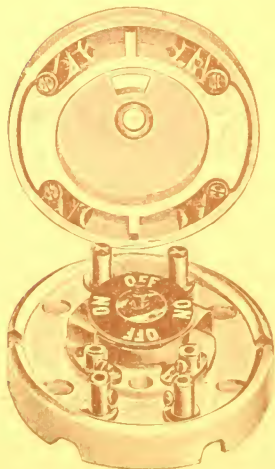
The single pole and three way switches will break a dead short circuit with 3 ampere fuse at 500 volts without burning contacts or doing any damage.

**In ordering goods please specify catalogue number.**

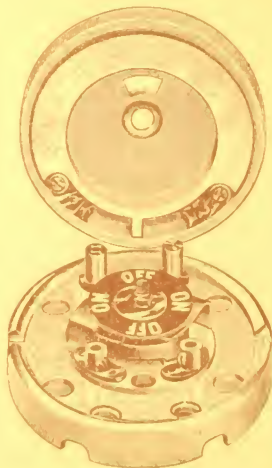


## Perkins Fuse Switches.

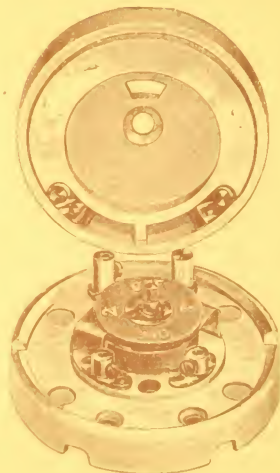
The following cuts illustrate Fuse Switches with cover removed and show how contact with the fuse is secured.



No. 24.



No. 26.



No. 29.

In ordering goods please specify catalogue number.



## Fuse Switches.

Switches Nos 26 and 29 are especially adapted for use in electric street cars on a current of 500 volts.

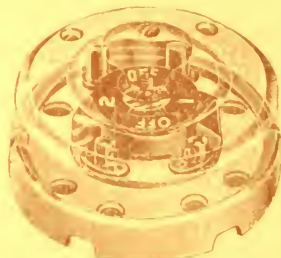
Switch No. 22 is made for 110 volt circuits, but can also be used safely and with good results on a 220 volt circuit with a current of 10 Amperes.



No. 22.



No. 26.

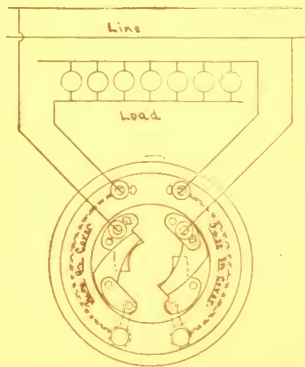


No. 29.

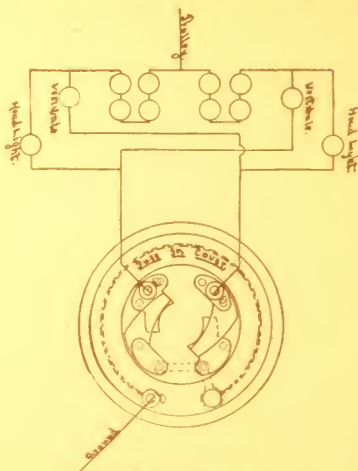
Catalogue No.	22.	10 Ampere,	Double Pole,	110 volts.	\$3.00
"	26.	3	Single "	500 "	3.00
"	29.	3	Headlight Switch,	" "	3.00

In ordering goods please specify catalogue number.

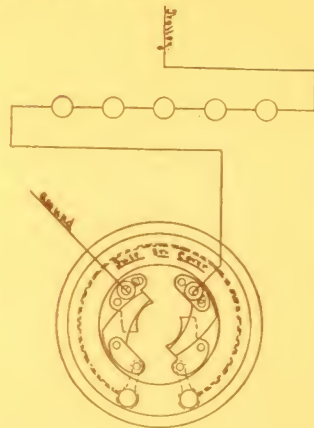
## Diagrams for wiring Perkins Fuse Switches.



— \* 22 Fused Switch. —  
— Double Pole for Low Voltage. —



— \* 29 Fused Switch. —  
— Combination 3 Point + Single Pole. —



— \* 26 Fused Switch. —  
— Single Pole with Quadruple Break. —

In ordering goods please specify catalogue number.



